

### **Abstract**

The invention provides a rapid, sensitive immunoassay capable of detecting and quantitating pathogenic protein to a level of 3 to 5 logs. The preferred immunoassay utilized is a chemiluminescent endpoint for a Western blot immunoassay. The invention has been successfully applied to track the clearance of pathogenic protein during production of proteins derived from plasma. It is particularly applicable and has been confirmed by bioassay to relate TSE infectivity to quantitative results on prion protein.